

Converting Colors

XYZ(80.0112, 83.9078, 75.3756)

Have a look what the booklet for
XYZ(80.0112, 83.9078, 75.3756)
contains.

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Color

**XYZ(80.2037, 84.0459,
75.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBD6
RGB	247, 235, 214
RGB Percent	97%, 92%, 84%
CMY	0.0314, 0.0784, 0.1608
CMYK	0.00, 0.05, 0.13, 0.03
HSL	38°, 67%, 90%
HSV	38°, 13%, 97%
XYZ	80.2037, 84.0459, 75.6136
YIQ	236.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

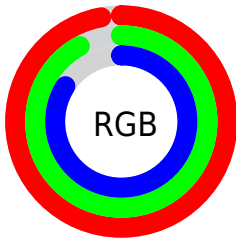
Format	Color
R _Y B	233, 247, 214
Decimal	16247766
CIE Lab	93.47, 0.63, 11.63
CIE LCh	93, 11.649, 86.898
Yxy	84.0459, 0.3344, 0.3504
Android (android.graphics.Color)	4294437846 (0xFFF7EBD6)
YUV	236.1940, -10.9416, 9.4769
Hunter-Lab	91.6766, -4.2723, 15.2720

Details

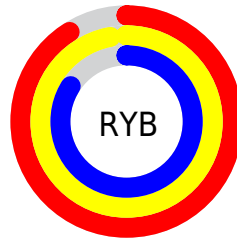
The XYZ color **80.2037, 84.0459, 75.6136** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.7161, 75.4027, 98.7707**, and the grayscale version is **79.9531, 84.1169, 91.6033**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8640, 45.8198, 39.3331** is the 20% darker color. If you saturate the color by 10%, you get **74.7801, 77.8695, 59.4050**, and if you desaturate by 10%, it is **86.2400, 90.6806, 94.3884**.

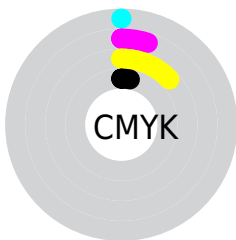
Distribution



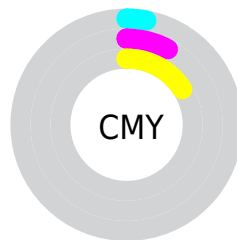
- Red (97%)
- Green (92%)
- Blue (84%)



- Red (91%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2037, 84.0459, 75.6136 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 80.2037, 84.0459, 75.6136 by changing the saturation by 10% instead.

80.2037, 84.0459,
75.6136

80.2037, 84.0459,
75.6136

484.3451,
508.4657, 499.3355

60.1950, 63.0533,
55.6110

132.6011,
139.0394, 128.9356

43.8259, 45.8844,
39.4892

165.7206,
173.8091, 163.0921

30.7310, 32.1546,
26.8297

203.9410,
213.9400, 202.8036

20.5449, 21.4796,
17.2141

247.6277,
259.8164, 248.4887

12.9023, 13.4750,
10.2237

297.1462,
311.8228, 300.5659

7.4379, 7.7565,
5.4400

352.8616,

3.7862, 3.9395,

370.3435, 359.4537

2.4444

415.1395,
435.7630, 425.5708

■ 1.5819, 1.6398,
0.8105

■ 0.3806, 0.3842,
0.0000

■ 80.2037, 84.0459,
75.6136

■ 80.2037, 84.0459,
75.6136

■ 74.7801, 77.8695,
59.4050

■ 86.2400, 90.6806,
94.3884

■ 69.9391, 72.1279,
45.6434

■ 91.5215, 97.2211,
108.5496

■ 65.6578, 66.8116,
34.2083

■ 92.1681, 98.5143,
108.7651

■ 61.9092, 61.9067,
24.9667

■ 58.6634, 57.3980,
17.7721

■ 55.8874, 53.2689,
12.4599

■ 53.5429, 49.5008,
8.8397

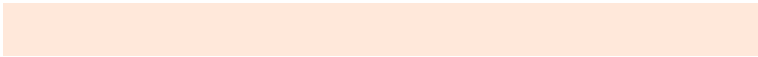
■ 51.5840, 46.0716,
6.6800

■ 50.4522, 43.9626,
5.8265

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1580, 84.0459, 78.0388



80.2037, 84.0459, 75.6136



77.2363, 84.0459, 77.2171

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2037, 84.0459, 75.6136



74.7221, 84.0459, 99.3933



84.9425, 84.0459, 101.0809

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.2037, 84.0459, 75.6136



71.7161, 75.4027, 98.7707

Split Complementary

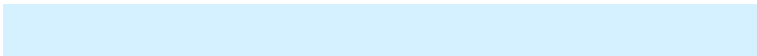
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5897, 84.0459, 107.4698



80.2037, 84.0459, 75.6136



76.6953, 84.0459, 106.4524

Square

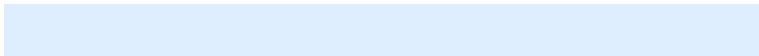
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2037, 84.0459, 75.6136



74.1198, 84.0459, 90.5978



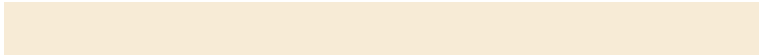
79.5634, 84.0459, 109.4953



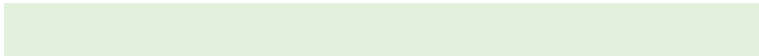
85.9377, 84.0459, 92.4317

Rectangle

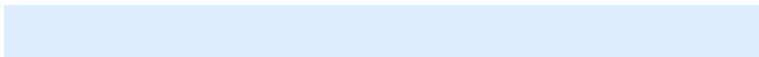
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



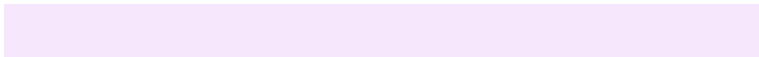
80.2037, 84.0459, 75.6136



75.6407, 84.0459, 80.4151



79.5634, 84.0459, 109.4953



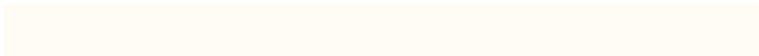
84.2813, 84.0459, 103.5848

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.2060, 84.0496, 75.6154



92.2795, 97.0176, 100.0888



76.1465, 73.3649, 82.1720



19.6427, 20.6476, 21.0795



0.0000, 0.0000, 0.0000



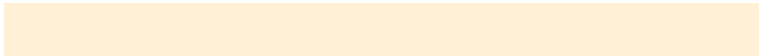
20.3446, 21.4041, 23.3091

Same Dimension

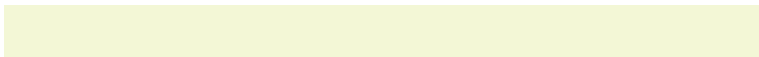
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2060, 84.0496, 75.6154



84.6133, 88.5454, 76.3837



82.2234, 90.3609, 76.7273



17.3787, 18.2414, 17.4026



26.8221, 23.5298, 3.1280



2.4549, 2.2630, 0.3074

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.7161, 75.4027, 98.7707



73.8676, 77.6016, 105.6931



69.8693, 69.7769, 97.7822



16.0743, 16.9128, 20.9599



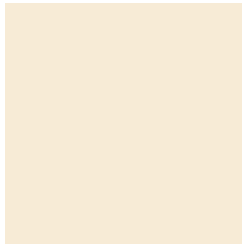
10.9257, 7.6451, 47.4378



1.0544, 0.8603, 4.2007

Previews

White Background



This preview shows how the XYZ color 80.2037, 84.0459, 75.6136 looks on a white background.

Color Contrast Check

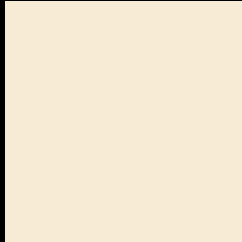
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 80.2037, 84.0459, 75.6136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

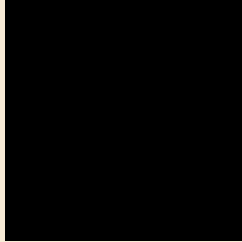
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2037, 84.0459, 75.6136

Background



This preview shows how black text looks on a background with the XYZ color 80.2037, 84.0459, 75.6136.



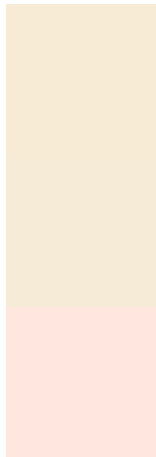
This preview shows how white text looks on a background with the XYZ color 80.2037, 84.0459,

75.6136.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.2037, 84.0459, 75.6136

Protanopia

79.8520, 83.8645, 75.5972

Deuteranopia

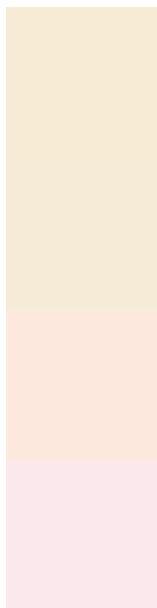
83.2705, 83.7936, 82.3060



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

80.2037, 84.0459, 75.6136

Protanomaly

79.8520, 83.8645, 75.5972

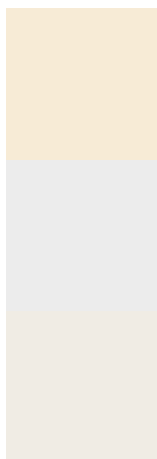
Deuteranomaly

81.9198, 83.5760, 79.5243

Tritanomaly

83.4213, 84.0933, 91.1917

Monochromacy



Original Color

80.2037, 84.0459, 75.6136

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.9342, 84.1176, 85.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2037, 84.0459, 75.6136 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(247, 235, 214) looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 235, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 214) }
```

Border

The CSS property to change the border of an element to XYZ 80.2037, 84.0459, 75.6136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 235, 214) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 235, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 235, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 235, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 235, 214); box-shadow:4px 4px 4px 4px rgb(247, 235, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2037, 84.0459, 75.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
235, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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